1st Amino Acid Sequence
  File Name   : PQQ-dependent glucose dehydrogenase obtained from
                     Acinetobacter baumannii NCIMB 11517
  Sequence Size   : 456

2nd Amino Acid Sequence
  File Name   : PQQ-dependent glucose dehydrogenase obtained from
                     Acinetobacter calcoaceticus LMD79.417
  Sequence Size   : 455

  Unit Size to Compare = 2
  Pick up Location   = 1

[93.4% / 455 aa]   INT/OPT.Score : <   1346/ 2123 >

   1' DIPLTPAQFAKAKTENFDKKVILSNLNKPHALLWGPDNQIWLTERATGKILRVNPVSGSA
       *.****.******.*** ***.
   1" DVPLTPSQFAKAKSENFDKKVILSNLNKPHALLWGPDNQIWLTERATGKILRVNPESGSV

  61' KTVFQVPEIVSDADGQNGLLGFAFHPDFKHNPYIYISGTFKNPKSTDKELPNQTIIRRYT
       **********.******************.******************************
  61" KTVFQVPEIVNDADGQNGLLGFAFHPDFKNNPYIYISGTFKNPKSTDKELPNQTIIRRYT

 121' YNKTTDTFEKPIDLIAGLPSSKDHQSGRLVIGPDQKIYYTIGDQGRNQLAYLFLPNQAQH
       ..***.**.***
 121" YNKSTDTLEKPVDLLAGLPSSKDHQSGRLVIGPDQKIYYTIGDQGRNQLAYLFLPNQAQH

 181' TPTQQELNSKDYHTYMGKVLRLNLDGSVPKDNPSFNGVVSHIYTLGHRNPQGLAFAPNGK
       ********.****************.***************************.****
 181" TPTQQELNGKDYHTYMGKVLRLNLDGSIPKDNPSFNGVVSHIYTLGHRNPQGLAFTPNGK

 241' LLQSEQGPNSDDEINLVLKGGNYGWPNVAGYKDDSGYAYANYSAATNKSQIKDLAQNGIK
       ***************..*************************.*** *******.*
 241" LLQSEQGPNSDDEINLIVKGGNYGWPNVAGYKDDSGYAYANYSAAANKS-IKDLAQNGVK

 301' VATGVPVTKESEWTGKNFVPPLKTLYTVQDTYNYNDPTCGEMAYICWPTVAPSSAYVYTG
       .*.*************.*
 300" VAAGVPVTKESEWTGKNFVPPLKTLYTVQDTYNYNDPTCGEMTYICWPTVAPSSAYVYKG

 361' GKKAIPGWENTLLVPSLKRGVIFRIKLDPTYSTTLDDAIPMFKSNNRYRDVIASPEGNTL
       *****.***************************** ***.****************.**.*
 360" GKKAITGWENTLLVPSLKRGVIFRIKLDPTYSTTYDDAVPMFKSNNRYRDVIASPDGNVL

 421' YVLTDTAGNVQKDDGSVTHTLENPGSLIKFTYNGK
       ******************.*************..*
 420" YVLTDTAGNVQKDDGSVTNTLENPGSLIKFTYKAK